

ABSTRACT OF THE DISCLOSURE

A liquid crystal showing a nematic phase at an ordinary temperature and having a negative dielectric anisotropy is filled between a TFT substrate and an opposing substrate, on which an alignment film is not formed. For example, acrylate monomer is added previously into the liquid crystal as an alignment control agent. The alignment control agent added into the liquid crystal is adhered onto surfaces of the TFT substrate and the opposing substrate and is grown thereon. Then, when the ultraviolet ray is irradiated, the alignment control agent is polymerized and then an alignment regulate layer is formed on surfaces of the TFT substrate and the opposing substrate respectively.